

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT/03/02031

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G02B6/12 C30B29/60 C30B35/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C30B G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 261 469 B1 (CUI CHANGXING ET AL) 17 July 2001 (2001-07-17) column 11, line 64 -column 13, line 45 ---	1-7
X	US 5 997 795 A (BALLATO JOHN ET AL) 7 December 1999 (1999-12-07) column 21, line 22 -column 25, line 35 ---	8
X	EP 1 085 352 A (TOKYO SHIBAURA ELECTRIC CO) 21 March 2001 (2001-03-21) paragraph '0079! - paragraph '0082!; example 1 ---	1-6
X	DE 197 21 586 A (JONATHAN AEROSPACE MATERIALS E ; JONATHAN AEROSPACE MATERIALS C (US) 26 November 1998 (1998-11-26) column 6, line 52 -column 7, line 27 --- -/--	1,8

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

14 November 2003

Date of mailing of the international search report

26/11/2003

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Int. No.

Application No.

/IB 03/02031

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN vol. 2000, no. 20, 10 July 2001 (2001-07-10) & JP 2001 074954 A (NIPPON TELEGR & TELEPH CORP ;KAWAKAMI SHOJIRO), 23 March 2001 (2001-03-23) cited in the application abstract</p>	
A	<p>PATENT ABSTRACTS OF JAPAN vol. 2000, no. 19, 5 June 2001 (2001-06-05) & JP 2001 042144 A (CATALYSTS & CHEM IND CO LTD;TANIGUCHI MORIO), 16 February 2001 (2001-02-16) cited in the application abstract</p>	
A	<p>US 2002/059897 A1 (JOHN SAJEEV ET AL) 23 May 2002 (2002-05-23)</p>	

INTERNATIONAL SEARCH REPORT

International Publication No
PCT/13/02031

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6261469	B1	17-07-2001	CA 2343915 A1 EP 1121334 A1 JP 2002527335 T WO 0021905 A1 US 6517763 B1 US 2001019037 A1	11-10-2002 08-08-2001 27-08-2002 20-04-2000 11-02-2003 06-09-2001
US 5997795	A	07-12-1999	NONE	
EP 1085352	A	21-03-2001	JP 2001083347 A CN 1315246 A EP 1085352 A2 TW 472162 B US 6465742 B1	30-03-2001 03-10-2001 21-03-2001 11-01-2002 15-10-2002
DE 19721586	A	26-11-1998	DE 19721586 A1 AU 7913198 A WO 9852705 A1 ZA 9804076 A	26-11-1998 11-12-1998 26-11-1998 17-03-1999
JP 2001074954	A	23-03-2001	NONE	
JP 2001042144	A	16-02-2001	NONE	
US 2002059897	A1	23-05-2002	CA 2363277 A1	17-05-2002

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